

**Course Programme**

<b>Start (BST)</b>	<b>Finish (BST)</b>	<b>Presenter details</b>
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**Monday 13 June Introduction**

12:00	12:45	Registration with lunch
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**12:45 13:00 Welcome and learning objectives**

**Scientific Programme Committee:**  
*Carlo Maley, Arizona State University, USA*  
*Amy Boddy, UC Santa Barbara, USA*  
*Trevor Graham, Institute of Cancer Research, UK*

**13:00 14:00 Keynote**

Introduction to the session  
*Chair: Carlo Maley, Arizona State University, USA*

13:00	13:50	Overview of ecology of cancer <i>Robert Gatenby, Moffitt Cancer Center, USA</i>
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13:50	14:00	Discussion and Q&A
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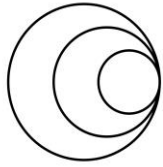
**14:00 15:50 Session 1: Introduction to key evolutionary concepts**

Introduction to the session  
*Chair: Carlo Maley, Arizona State University, USA*

14:00	15:00	<i>Carlo Maley, Arizona State University, USA</i> <i>Amy Boddy, UC Santa Barbara, USA</i> <i>Trevor Graham, Institute of Cancer Research, UK</i>
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15:00	15:50	Discussion and Q&A
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15:50	16:30	Break and organisation of focus groups with Faculty
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**16:30 18:00 Session 2: Bioinformatics for cancer**

Introduction to the session

*Chair: Trevor Graham, Institute of Cancer Research, UK*

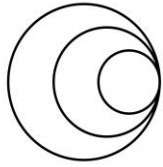
16:30 17:00 *Giulio Caravagna, University of Trieste, Italy*

17:00 18:00 Interactive learning

**18:00 19:00 Poster session 1 with drinks reception**

19:00 20:00 Dinner

19:00 23:00 Cash bar



**Tuesday 14 June 2022**

**09:00 10:30 Session 3: Fitting maths models to data**

Introduction to the session

*Chair: Eszter Lakatos, St Bartholomew's Hospital, Queen Mary, University of London, UK*

09:00 09:30 *Calum Gabbutt, Institute of Cancer Research, UK*

09:30 10:30 Interactive learning

10:30 11:00 Break

**11:00 12:30 Session 4: Evolutionary game theory**

Introduction to the session

*Chair: Amy Boddy, UC Santa Barbara, USA*

11:00 11:30 *Kateřina Staňková, Delft University of Technology, The Netherlands*

11:30 12:30 Interactive learning

12:30 13:30 Lunch

**13:30 15:30 Session 5: Agent-based modeling**

Introduction to the session

*Chair: Trevor Graham, Institute of Cancer Research, UK*

13:30 14:00 *Weini Huang, Queen Mary, University of London, UK*

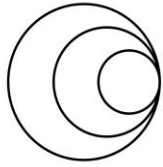
14:00 15:30 Interactive learning

15:30 16:00 Break

**16:00 17:00 Poster session 2**

18:00 19:00 Dinner

18:00 23:00 Cash bar



**Wednesday 15 June 2022**

**09:00 10:30 Session 6: Immune selection**

Introduction to the session

*Chair: Amy Boddy, UC Santa Barbara, USA*

09:00 09:30 *Eszter Lakatos, St Bartholomew's Hospital and Queen Mary, University of London, UK*

09:30 10:30 Interactive learning

10:30 11:00 Break

**11:00 12:30 Session 7: Digital pathology and ecology**

Introduction to the session

*Chair: Trevor Graham, Institute of Cancer Research, UK*

11:00 11:30 *Nick Trahearn, Institute of Cancer Research, UK*

11:30 12:30 Interactive learning

12:30 13:30 Lunch

**13:30 15:30 Session 8: Landscape ecology**

Introduction to the session

*Chair: Carlo Maley, Arizona State University, USA*

13:30 14:00 *Luis Cisneros, Arizona State University, USA*

14:00 15:30 Interactive learning

15:30 16:00 Break

**16:00 18:00 Focus group discussions**

*Group leaders: Faculty*

18:00 19:00 Dinner

18:00 23:00 Cash bar

**Thursday 16 June 2022**

**09:00 10:30 Session 9: Phylogenomics - mutation rates**

Introduction to the session

*Chair: Carlo Maley, Arizona State University, USA*

09:00 09:30 *Diego Mallo Adan, Arizona State University, USA*

09:30 10:30 Interactive learning

10:30 11:00 Break

**11:00 12:30 Session 10: Phylogenomics - demographics, biogeography**

Introduction to the session

*Chair: Carlo Maley, Arizona State University, USA*

11:00 11:30 *Diego Mallo Adan, Arizona State University, USA*

11:30 12:30 Interactive learning

12:30 13:30 Lunch

**13:30 15:30 Session 11: Designing clinical trials - evol and ecol perspectives**

Introduction to the session

*Chair: Trevor Graham, Institute of Cancer Research, UK*

13:30 14:00 *Robert Gatenby, Moffitt Cancer Center, USA*

*Michelle Lockley, St Bartholomew's Hospital and Queen Mary, University of London, UK*

14:00 15:30 Interactive learning

15:30 16:00 Break

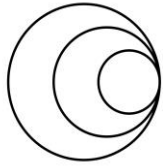
**16:00 18:00 Focus group discussions**

*Group leaders: Faculty*

18:30 19:00 Drinks reception

19:00 20:30 Dinner

20:30 23:00 Cash bar



**Friday 17 June 2022**

**09:00 10:30 Session 12: Communication**

Introduction to the session

*Chair: Trevor Graham, Institute of Cancer Research, UK*

09:00 10:00 *Julia Bakker and Juanita Bawagan, Institute of Cancer Research, UK*

10:00 10:30 Discussion and Q&A

10:30 11:00 Break

**11:00 13:00 Consolidation of learning, course summary and concluding remarks**

***Scientific Programme Committee:***

*Carlo Maley, Arizona State University, USA*

*Amy Boddy, UC Santa Barbara, USA*

*Trevor Graham, Institute of Cancer Research, UK*

13:00 Grab and go lunch

13:15 Transport to Cambridge train station and city centre